

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A package for use in a peritoneal dialysis treatment, wherein the package includes a non-sterile line set, ~~which includes said non-sterile line set including~~ a non-sterile first tubular line element, a second non-sterile tubular line element and at least one non-sterile component connected to the first and second non-sterile tubular line elements, the package comprising organizing means configured to organize the line set within the package such that no part of the line set extends across another part of the line set during sterilization of the package, wherein the package including the non-sterile line set is configured to substantially eliminate any risk of damage to the package or line set during sterilization.

2. (Currently Amended) A package according to claim 1, wherein the organizing means is arranged to organize the whole non-sterile line set at substantially the same level.

3. (Currently Amended) A package according to claim 1 or 2, wherein the organizing means is arranged to organize the non-sterile line set such that no part of the first and second non-sterile tubular line elements is in contact with another part of the first and second non-sterile tubular line elements.

4. (Currently Amended) A package according to claim 1, wherein the organizing means is arranged to organize the non-sterile line set in a spiral-shaped state.

5. (Currently Amended) A package according to claim 1, wherein at least one non-sterile tubular line element is pre-shaped to extend along a desired path.

6. (Currently Amended) A package according to claim 1, wherein said organizing means comprises a holding member configured to hold at least one portion of the first non-sterile tubular line element in a predetermined position in relation to a portion of the second non-sterile tubular line element.

7. (Previously Presented) A package according to claim 6, wherein the holding member is arranged to perform said holding in a detachable manner.

8. (Currently Amended) A package according to claim 7, wherein the holding member comprises a first elongated recess restricted by at least one resilient jaw-shaped member, said at least one resilient jaw-shaped member being provided with at least one concavity for holding detachably said portion of the first non-sterile tubular line element.

9. (Currently Amended) A package according to claim 6, wherein the holding member is configured to hold the at least one portion of the first non-sterile tubular line element and the at least one portion of the second non-sterile tubular line element, said at least one portion of the first non-sterile tubular line element and said at least one portion of the second non-sterile tubular line element being configured in a predetermined position in relation to each other, such that the first and second non-sterile tubular line elements have a substantially parallel extension in the vicinity of the holding member.

10. (Currently Amended) A package according to claim 7, wherein the holding member is configured to hold fixedly a second connector, said second connector being mounted to an end of the second non-sterile tubular line element.

11. (Previously Presented) A package according to claim 10, wherein the holding member comprises a hole extending through the holding member for receiving said second connector.

12. (Currently Amended) A package according to claim 1, wherein the package comprises a drain bag and the non-sterile line set is connected to said drain bag.

13. (Currently Amended) A package according to claim 1, wherein the first and second non-sterile tubular line elements are manufactured of PVC.

14. (Previously Presented) A package according to claim 12, wherein the drain bag is manufactured of a plastic material having higher resistance against heat than PVC.

15. (Currently Amended) A package according to claim 12, wherein the drain bag is foldable to form first and second folded parts, and wherein the non-sterile line set is configured in the package between the first and second folded parts of the drain bag.

16. (Previously Presented) A package according to claim 15, wherein the holding member is arranged to detachably engage one of said first and second folded parts of the drain bag.

17. (Previously Presented) A package according to claim 16, wherein the holding member comprises a second recess restricted by at least one resilient jaw-

shaped member, said at least one resilient jaw-shaped member being provided with at least one protruding member for engaging detachably said edge area.

18. (Currently Amended) A package according to claim 12, wherein the non-sterile line set is connected to the drain bag via a first connector positioned at an outer periphery of the line set.

19. (Currently Amended) A package according to claim 1, wherein the package comprises a solution bag, and the non-sterile line set is connected to the solution.

20. (Previously Presented) A package according to claim 19, wherein the drain bag is applied on the solution bag.

21. (Currently Amended) A package according to claim 19, wherein the non-sterile line set is connected to the solution bag via said first connector configured at an outer periphery of the line set.

22. (Previously Presented) A package according to claim 19, wherein the solution bag is filled with a dialysis solution.

23. (Currently Amended) A package according to claim 1, wherein the non-sterile line set comprises a third connector, said third connector being connectable to a patient connector.

24. (Currently Amended) A package according to claim 23, wherein the third connector is configured in a space at an inner periphery of the non-sterile line set.

25. (Currently Amended) A package according to claim 1, wherein the non-sterile line set comprises a component in the form of at least one flow organizer, wherein said organizing means is arranged to provide a space sufficient for the flow

organizer such that the flow organizer does not load on any part of the first and second non-sterile tubular line elements.

26. (Currently Amended) A package according to claim 1, wherein the package comprises a wrapping for encasing the non-sterile line set and other, included parts of the package.

27. (Currently Amended) A method for manufacturing of a package for use in a peritoneal dialysis treatment, wherein the package includes a non-sterile line set, said non-sterile line set including a first non-sterile tubular line element, a second non-sterile tubular line element and at least one non-sterile component connected to the first and second non-sterile tubular line elements, comprising the step of organizing the non-sterile line set within the package such that no part of the line set extends across another part of the line set during sterilization of the package, wherein the package including the non-sterile line set is configured to substantially eliminate any risk of damage to the package or line set during sterilization.

28. (Currently Amended) A method according to claim 27, further including the step of organizing the whole non-sterile line set at substantially the same level.

29. (Currently Amended) A method according to claim 27 or 28, further including the step of organizing the non-sterile line set such that no part of the first and second non-sterile tubular line elements (1a, b, c) is in contact with another part of the first and second non-sterile tubular line elements.

30. (Currently Amended) A method according to claim 27, further including the step of organizing the non-sterile line set in a spiral shaped state.

31. (Currently Amended) A method according to claim 27, further including the step of organizing the non-sterile line set by means of a holding member, said holding member being configured to hold at least one portion of the first non-sterile tubular line element in a predetermined position, in relation to a portion of the second non-sterile tubular line element.

32. (Currently Amended) A method according to claim 27, wherein the package comprises a drain bag, further including the steps of folding the drain bag to form first and second folded parts and applying the non-sterile line set between the first and second folded parts of the drain bag.

33. (Previously Presented) A method according to claim 32, wherein the package comprises a solution bag, further including the step of applying the drain bag on the solution bag.

34. (Previously Presented) A method according to claim 27, further including the step of providing the package with a wrapping.

35. (Previously Presented) A method according to claim 27, further including the step of exposing the package for autoclave sterilization.

36 - 44. (Cancelled)